

L Number	Hits	Search Text	DB	Time stamp
-	2017	((438/22) or (438/29) or (438/31) or (438/65) or (438/69) or (438/456) or (438/457) or (438/606) or (438/609) or (438/611) or (438/614) or (438/617) or (257/431) or (257/432) or (257/435) or (257/447)).CCLS.) and @ad<=19980226	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/23 09:50
-	64	((438/22) or (438/29) or (438/31) or (438/65) or (438/69) or (438/456) or (438/457) or (438/606) or (438/609) or (438/611) or (438/614) or (438/617) or (257/431) or (257/432) or (257/435) or (257/447)).CCLS.) and @ad<=19980226) and (optical) and (clad\$4) and (core)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/23 09:57
-	30	("3968564" "4744623" "4920070" "4970578" "5128831" "5221633" "5352998" "5362976" "5409563" "5489554" "5532506" "5604835" "5641545" "5656548" "5682062" "5729038" "5742100" "5760478" "5767001" "5798297" "5834849" "5844289" "5858814" "5897333" "5900674" "5901050" "5902118" "5903045" "5915167" "5952665").PN.	USPAT	2002/09/23 10:09
-	34	5682062.URPN.	USPAT	2002/09/23 10:11
-	40	("3256465" "3343256" "3372070" "3418545" "3445686" "3454835" "3456335" "3462650" "3648131" "3796927" "3798513" "3885196" "3959579" "3962052" "3969745" "3982268" "4074342" "4097890" "4104674" "4188709" "4263341" "4275410" "4368503" "4379307" "4467343" "4528072" "4613891" "4670764" "4720738" "4761681" "4839510" "4862322" "4897708" "4939568" "4954875" "5198695" "5200631" "5202754" "5404044" "5481133").PN.	USPAT	2002/09/23 10:15
-	5	("4695120" "4862231" "4879250" "5093879" "5198684").PN.	USPAT	2002/09/23 10:43
-	64	5093879.URPN.	USPAT	2002/09/23 10:44
-	12	5362976.URPN.	USPAT	2002/09/23 10:46
-	71	("Re34790" "4168883" "4204743" "4265511" "4307934" "4355321" "4451115" "4501637" "4616899" "4639077" "4687285" "4698662" "4707067" "4711521" "4733932" "4740259" "4752109" "4753508" "4758719" "4790618" "4818053" "4824202" "4842391" "4862231" "5046798" "5050953" "5073047" "5074682" "5075253" "5175783" "5181265" "5214845" "5239605" "5244818" "5247530" "5257336" "5266794" "5274723" "5283447" "5287001" "5291064" "5337398" "5347605" "5362976" "5416869" "5440658" "5452389" "5457759" "5463707" "5485021" "5495545" "5500540" "5504828" "5521999" "5526455" "5537504" "5546212" "5546490" "5548676" "5555334" "5566264" "5566265" "5600741" "5631992" "5692083" "5734771" "5737133" "5737465" "5745625" "5771218" "5940564").PN.	USPAT	2002/09/23 10:47
-	1124	semiconductor and substrate and (interconnect with optical)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/23 10:50
-	160	(semiconductor and substrate and (interconnect with optical)) and clad\$4 and core	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/23 10:52
-	96	((semiconductor and substrate and (interconnect with optical)) and clad\$4 and core) and @ad<=19980226	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/23 11:40
-	2	("5652811").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/23 11:41

-	6	("4741595" "5121459" "5175777" "5247592" "5295216" "5367596").PN.	USPAT	2002/09/23 11:41
-	3	5652811.URPN.	USPAT	2002/09/23 11:41
-	26164	(semiconductor) and (optical with fiber)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/01 07:43
-	18366	((semiconductor) and (optical with fiber)) and @ad<=19980226	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/01 07:44
-	697	((semiconductor) and (optical with fiber)) and @ad<=19980226) and substrate and ((first and second) with circuit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/01 07:45
-	200884	substrate and hole	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/01 07:46
-	164208	substrate with (hole via window trench apperture)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/01 07:47
-	168	((((semiconductor) and (optical with fiber)) and @ad<=19980226) and substrate and ((first and second) with circuit)) and substrate with (hole via window trench apperture)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/01 07:47
-	4	5247596.URPN.	USPAT	2002/10/01 10:56
-	16	("3663194" "4070516" "4268113" "4727649" "4772787" "4945400" "5073003" "5200631" "5247596" "5357103" "5390271" "5392368" "5400419" "5446814" "5911022" "6090636").PN.	USPAT	2002/10/01 10:58
-	19	4268113.URPN.	USPAT	2002/10/01 11:01
-	13	4070516.URPN.	USPAT	2002/10/01 11:03
-	0	kosemura.inv	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/01 11:05
-	166	kosemura.inv.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/01 11:05
-	14	kosemura.inv. and (sony.as.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/01 11:05
-	0	6330377.URPN.	USPAT	2002/10/01 11:08
-	5	("4268113" "4373778" "4690492" "4778241" "5101465").PN.	USPAT	2002/10/01 11:08
-	27	4373778.URPN.	USPAT	2002/10/01 11:09
-	13	4070516.URPN.	USPAT	2002/10/01 11:13
-	5	("3663194" "3716804" "3785717" "3817730" "3879606").PN.	USPAT	2002/10/01 11:14
-	18	3663194.URPN.	USPAT	2002/10/01 11:14

	31	("3968564" "4920070" "4970578" "5128831" "5221633" "5352998" "5362796" "5409563" "5489554" "5532506" "5604835" "5641545" "5656548" "5682062" "5729038" "5742100" "5744379" "5760478" "5767001" "5798297" "5834849" "5844289" "5858814" "5897333" "5900674" "5901050" "5902118" "5903045" "5915167" "5952665" "5952712").PN.	USPAT	2002/10/01 12:49
	12	5362976.URPN.	USPAT	2002/10/01 13:46
	16	("3663194" "4070516" "4268113" "4727649" "4772787" "4945400" "5073003" "5200631" "5247596" "5357103" "5390271" "5392368" "5400419" "5446814" "5911022" "6090636").PN.	USPAT	2002/10/01 13:57
	3	6090636.URPN.	USPAT	2002/10/01 14:00
	6	("3761858" "5568356" "5726786" "5933608" "6090636" "6261853").PN.	USPAT	2002/10/01 14:00
	12	5312765.URPN.	USPAT	2002/10/01 14:02
	11	("3748548" "4396437" "4450464" "4547792" "4782023" "4902637" "4972248" "4978639" "5039628" "5077231" "5084742").PN.	USPAT	2002/10/01 14:03
	13	3748548.URPN.	USPAT	2002/10/01 14:04
	11032	semiconductor and (fiber with optic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/01 14:06
	3902	(semiconductor and (fiber with optic)) and silicon	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/01 14:06
	1182	((semiconductor and (fiber with optic)) and silicon) and core	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/01 14:07
	171	(((semiconductor and (fiber with optic)) and silicon) and core) and first with circuit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/01 14:23
	16	(((semiconductor and (fiber with optic)) and silicon) and core) and first with circuit) and (((438/\$) (257/\$)).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/01 14:28
	262	((438/27) or (438/65)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/01 14:28
	185	(((438/27) or (438/65)).CCLS.) and @ad<=19980226	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/01 14:34
	31	(((438/27) or (438/65)).CCLS.) and @ad<=19980226) and (optic with fiber)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/01 14:32
	17	"4070516"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 10:22

		16	("3663194" "4070516" "4268113" "4727649" "4772787" "4945400" "5073003" "5200631" "5247596" "5357103" "5390271" "5392368" "5400419" "5446814" "5911022" "6090636").PN.	USPAT	2002/10/16 08:12
		0	6330377.URPN.	USPAT	2002/10/16 08:14
		16	("3663194" "4070516" "4268113" "4727649" "4772787" "4945400" "5073003" "5200631" "5247596" "5357103" "5390271" "5392368" "5400419" "5446814" "5911022" "6090636").PN.	USPAT	2002/10/16 08:14
		11	("3429040" "4070516" "4169001" "4573067" "4626878" "4699449" "4729618" "4758063" "4871224" "4966430" "5049982").PN.	USPAT	2002/10/16 08:15
		24	5200631.URPN.	USPAT	2002/10/16 08:16
		3	("4966430" "5159700" "5200631").PN.	USPAT	2002/10/16 08:23
		15	5485021.URPN.	USPAT	2002/10/16 08:24
		15	5485021.URPN.	USPAT	2002/10/16 09:27
		41	("3765969" "4015893" "4652077" "4755015" "4820655" "4966430" "4999686" "5159700" "5170448" "5280189" "5360982" "5371818" "5394490" "5452383" "5481629" "5485021" "5488678" "5502779" "5513285" "5513288" "5519803" "5521994" "5523557" "5526454" "5534442" "5546489" "5559914" "5574806" "5577138" "5577139" "5598490" "5600741" "5602672" "5604835" "5611008" "5621828" "5696862" "5701374" "5835646" "5848214" "5883988").PN.	USPAT	2002/10/16 09:31
		41	("3765969" "4015893" "4652077" "4755015" "4820655" "4966430" "4999686" "5159700" "5170448" "5280189" "5360982" "5371818" "5394490" "5452383" "5481629" "5485021" "5488678" "5502779" "5513285" "5513288" "5519803" "5521994" "5523557" "5526454" "5534442" "5546489" "5559914" "5574806" "5577138" "5577139" "5598490" "5600741" "5602672" "5604835" "5611008" "5621828" "5696862" "5701374" "5835646" "5848214" "5883988").PN.	USPAT	2002/10/16 09:34
		2	("5335361" "5638469").PN.	USPAT	2002/10/16 09:35
		2	("5335361" "5638469").PN.	USPAT	2002/10/16 09:35
		2	5848214.URPN.	USPAT	2002/10/16 09:35
		17	"5312765"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 10:29
		16	("3911559" "4889832" "4892842" "4923825" "4982266" "5004705" "5091331" "5308779" "5312765" "5387555" "5424245" "5569620" "5569621" "5589419" "5618752" "5643821").PN.	USPAT	2002/10/16 10:24
		18	5807783.URPN.	USPAT	2002/10/16 10:25
		22	"5807783"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 10:35
		1075	forming with optical with fiber with (hole aperture window opening)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 10:37
		8	(forming with optical with fiber with (hole aperture window opening)) and ((438/\$).ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 10:47
		23	(forming with optical with fiber with (hole aperture window opening)) and (((257/\$) (438/\$)).ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 11:09

-	5	4948978.URPN. 4948978.URPN.	USPAT	2002/10/16 10:58
-	5	("3963926" "4514632" "4560882").PN.	USPAT	2002/10/16 10:58
-	3	(forming with optical with fiber with (hole aperture window opening)) and (((385/\$) (361/\$)).ccls.)	USPAT	2002/10/16 10:58
-	373		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 11:09
-	290	((forming with optical with fiber with (hole aperture window opening)) and (((385/\$) (361/\$)).ccls.)) and @ad<=19980226	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 13:00
-	11	"4744623"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 13:01
-	32	4820013.URPN.	USPAT	2002/10/16 13:16
-	5	("4715673" "4732446" "4741595" "4743091" "4744623").PN.	USPAT	2002/10/16 13:19
-	1838	((438/27) or (438/31) or (438/69) or (323/902) or (257/80) or (257/81) or (257/83) or (257/84) or (257/85) or (250/551)).CCLS.	USPAT	2002/10/16 14:11
-	1485	((((438/27) or (438/31) or (438/69) or (323/902) or (257/80) or (257/81) or (257/83) or (257/84) or (257/85) or (250/551)).CCLS.) and @ad<=19980830	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 14:12
-	0	(((438/27) or (438/31) or (438/69) or (323/902) or (257/80) or (257/81) or (257/83) or (257/84) or (257/85) or (250/551)).CCLS.) and @ad<=19980830) and (forming with fiber with optic with (hole window opening aperture))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 14:13
-	17	(((438/27) or (438/31) or (438/69) or (323/902) or (257/80) or (257/81) or (257/83) or (257/84) or (257/85) or (250/551)).CCLS.) and @ad<=19980830) and (fiber with optic with (hole window opening aperture))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 14:17
-	101	(((438/27) or (438/31) or (438/69) or (323/902) or (257/80) or (257/81) or (257/83) or (257/84) or (257/85) or (250/551)).CCLS.) and @ad<=19980830) and ((fiber with optic with (hole window opening aperture)) (electro with optic))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 14:18
-	114	(((438/27) or (438/31) or (438/69) or (323/902) or (257/80) or (257/81) or (257/83) or (257/84) or (257/85) or (250/551)).CCLS.) and @ad<=19980830) and ((fiber with optic with (hole window opening aperture)) ((electro with optic) electrooptic electrooptic))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 14:18
-	58	((((438/27) or (438/31) or (438/69) or (323/902) or (257/80) or (257/81) or (257/83) or (257/84) or (257/85) or (250/551)).CCLS.) and @ad<=19980830) and ((fiber with optic with (hole window opening aperture)) (electro with optic))) and forming	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 14:18
-	63	((((438/27) or (438/31) or (438/69) or (323/902) or (257/80) or (257/81) or (257/83) or (257/84) or (257/85) or (250/551)).CCLS.) and @ad<=19980830) and ((fiber with optic with (hole window opening aperture)) ((electro with optic) electrooptic electrooptic))) and forming	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 14:29
-	146	(((438/27) or (438/31) or (438/69) or (323/902) or (257/80) or (257/81) or (257/83) or (257/84) or (257/85) or (250/551)).CCLS.) and @ad<=19980830) and form\$3 with (optical with (fiber fibre))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 14:31

	51	((((438/27) or (438/31) or (438/69) or (323/902) or (257/80) or (257/81) or (257/83) or (257/84) or (257/85) or (250/551)).CCLS.) and @ad<=19980830) and form\$3 with (optical with (fiber fibre)) and hole	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 14:52
	7	("4826272" "5155786" "5345529" "5394490" "5424573" "5625733" "5909524").PN.	USPAT	2002/10/16 14:44
	4	5625733.URPN.	USPAT	2002/10/16 14:48
	0	6100595.URPN.	USPAT	2002/10/16 14:49
	7	("4826272" "5155786" "5345529" "5394490" "5424573" "5625733" "5909524").PN.	USPAT	2002/10/16 14:49
	7	("4818056" "5096301" "5276754" "5345530" "5371822" "5416872" "5434940").PN.	USPAT	2002/10/16 14:50
	4	5625733.URPN.	USPAT	2002/10/16 14:50
	76	("4250520" "4457467" "4708429" "4720163" "4730198" "4750799" "4752816" "4790618" "4798439" "4817849" "4845052" "4892377" "4909590" "4954458" "4989934" "5093879" "5113404" "5123074" "5170455" "5177807" "5210811" "5215489" "5216729" "5247597" "5249733" "5283446" "5322463" "5371822" "5450508" "5478778" "5499312" "5535296" "5550088" "5555333" "5559914" "5568892" "5570184" "5574561" "5603870" "5625733" "5647044" "5659641" "5687267" "5700987" "5721797" "5737467" "5745624" "5748822" "5748827" "5778120" "5833202" "5854867" "5859943" "5883988" "5892179" "5898806" "5907649" "5916458" "5966486" "5970200" "5985086" "6010251" "6027253" "6027254" "6058234" "6106161" "6112001" "6115515" "6118917" "6155515" "6130448" "6132106" "6151173" "6157050" "6160936" "6164837").PN.	USPAT	2002/10/16 14:50
	76	("4250520" "4457467" "4708429" "4720163" "4730198" "4750799" "4752816" "4790618" "4798439" "4817849" "4845052" "4892377" "4909590" "4954458" "4989934" "5093879" "5113404" "5123074" "5170455" "5177807" "5210811" "5215489" "5216729" "5247597" "5249733" "5283446" "5322463" "5371822" "5450508" "5478778" "5499312" "5535296" "5550088" "5555333" "5559914" "5568892" "5570184" "5574561" "5603870" "5625733" "5647044" "5659641" "5687267" "5700987" "5721797" "5737467" "5745624" "5748822" "5748827" "5778120" "5833202" "5854867" "5859943" "5883988" "5892179" "5898806" "5907649" "5916458" "5966486" "5970200" "5985086" "6010251" "6027253" "6027254" "6058234" "6106161" "6112001" "6115515" "6118917" "6155515" "6130448" "6132106" "6151173" "6157050" "6160936" "6164837").PN.	USPAT	2002/10/16 14:51
	1205	forming with optic\$3 with (fiber fibre) with (hole window opening trench)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 14:56
	1061	forming with optic\$3 with (fiber fibre) with (hole opening trench)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 14:59
	104	(forming with optic\$3 with (fiber fibre) with (hole opening trench)) and semiconductor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 15:01
	75	((forming with optic\$3 with (fiber fibre) with (hole opening trench)) and semiconductor) and @ad<=19980226	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/16 15:02

-		11	("4632684" "4669821" "4952225" "5047076" "5058976" "5131936" "5284500" "5296012" "5314518" "5526459" "5711782").PN.	USPAT	2002/10/16 15:20
-		0	6125659.URPN.	USPAT	2002/10/16 15:21
-	5717		((438/667) or (438/65) or (438/107) or (438/31) or (438/29) or (438/42) or (438/44) or (438/64) or (438/67) or (438/106) or (438/107) or (438/109) or (438/455) or (438/456) or (438/457) or (438/597) or (438/598) or (438/599) or (438/606) or (438/618) or (438/639) or (438/666) or (438/689) or (438/696) or (438/712) or (438/719)).CCLS.	USPAT	2002/10/17 08:08
-		10	(((438/667) or (438/65) or (438/107) or (438/31) or (438/29) or (438/42) or (438/44) or (438/64) or (438/67) or (438/106) or (438/107) or (438/109) or (438/455) or (438/456) or (438/457) or (438/597) or (438/598) or (438/599) or (438/606) or (438/618) or (438/639) or (438/666) or (438/689) or (438/696) or (438/712) or (438/719)).CCLS.) and (cladding with layer) and (aluminum with oxide)	USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/17 08:09